

AMENDMENT TO THE SPECIFICATION

Please amend the paragraph beginning on page 8, line 25 and ending on page 9, line 11 as follows.

Thus, as described, the present invention provides a regime to optimize or control head or transducer temperature via intermittent heating as illustrated by block 186 of FIG. 67. As shown, the heating element is energized during an intermittent period prior to a read or write operation as illustrated by block 186 and de-energized for a read or write operation as illustrated by block 188. Energization of the heating element, as illustrated by block 186, provides an elevated transducer temperature to control operating temperature ranges and to reduce condensation of ambient moisture. The heating element is re-energized following a read or write operation as illustrated by line 190. The control algorithm or regime suspends energization as illustrated by block 192 following a "warm up" period or once drive operating temperatures are in a desired range, as illustrated by block 194. Thus, the use of the heater element and control algorithm or regime optimizes the head operating temperature. The dynamic processes of 1) corrosion and 2) accumulation of head contaminants via lube pick up are moderated, thus improving tribological performance and mitigating head-disc contact.